Docket No.

242245US0/hc

IN THE UNITED STATES A

IN THE CIVILED STA

IN RE APPLICATION OF:

Frank HOEFER, et al.

SERIAL NO:

10/651,984

GAU:

FILED:

September 2, 2003

EXAMINER:

TRADEMARK OFFICE

FOR:

DETERMINATION OF THE AMOUNT OF POLYMER DEPOSITED FROM (METH)ACRYLIC ACID AND/OR

(METH)ACRYLIC ESTERS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number <u>15-0030</u>. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Roland E. Martin Registration No. 48,082

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Karlikik f 🦠

Page <u>1</u> of <u>1</u>

DOCKET NO.: 242245US0/hc

IN THE UNITED STAKES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Frank HOEFER, et al.

SERIAL NO: 10/651,984

GROUP:

FILED:

September 2, 2003

EXAMINER:

FOR:

DETERMINATION OF THE AMOUNT OF POLYMER DEPOSITED FROM

(METH)ACRYLIC ACID AND/OR (METH)ACRYLIC ESTERS

STATEMENT OF RELEVANCY

References AA and AC through AQ are discussed in the specification.

		5/		
Form PTO 1449 (Modified)	U.S. DEPARTMENT	MMERCE	ATTY DOCKET NO.	SERIAL NO.
			242245US0 10/651,984	
			APPLICANT	
LIST OF REFERENCES CITED BY APPLICANT		Frank HOEFER, et al.		
			FILING DATE	GROUP
			September 2, 2003	
		FO	REIGN PATENT DOCUMENTS	
	DOCUMENT		COUNTRY	TRANSLATION
	NUMBER	DAIL	COUNTRY	YES NO
AA	29 31 282	02/21/1980	GERMANY (with corr. GB 2 027 201)	X
AB	2 027 201	02/13/1980	GREAT BRITAIN	
AC	1596 73	03/23/1983	GERMANY	×
AD	34 20 794	12/13/1984	GERMANY	×
AE	WO 00/77515	12/21/2000	WIPO	
	OTHER RE	FERENCES (Including Author, Title, Date, Pertinent Pa	ges, etc.)
AF	A. CHERFI, et al., Journal of Applied Polymer Science, vol. 85, no. 12, pages 2510-2520, "ROBUST ON-LINE MEASUREMENT OF CONVERSION AND MOLECULAR WEIGHT USING NIR SPECTROSCOPY DURING SOLUTION POLYMERIZATION", 2002			
AG	R. A. M. VIEIRA, et al., Journal of Applied Polymer Science, vol. 84, no. 14, pages 2670-2682, "IN-LINE AND IN SITU MONITORING OF SEMI-BATCH EMULSION COPOLYMERIZATIONS USING NEAR-INFRARED SPECTROSCOPY", 2002			
АН	M. M. FARAGALLA, et al., Polymer Bulletin, vol. 47, no. 5, pages 421-427, "THE COPOLYMERIZATION OF N-VINYL-2-PYRROLIDONE WITH 2-HYDROXYETHYL METHACRYLATE", 2002			
AI	F. ADAR, et al., Applied Spectroscopy Reviews, vol. 32, no. 1 & 2, pages 45-101, "RAMAN SPECTROSCOPY FOR PROCESS/QUALITY CONTROL", 1997			
AJ	D. A. JACKSON, et al., Molecular Physics, vol. 30, no. 3, pages 911-919, "A STUDY OF THE POLYMERIZATION OF STYRENE BY RAYLEIGH-BRILLOUIN SPECTROSCOPY", 1975			
AK	H. H. A. LOUSBERG, et al., Journal of Applied Polymer Science, vol. 84, no. 1, pages 90-98, "ON-LINE DETERMINATION OF THE CONVERSION IN A STYRENE BULK POLYMERIZATION BATCH REACTOR USING NEAR-INFRARED SPECTROSCOPY", 2002			
AL	C. SIVAKUMAR, et al., Synthetic Metals, vol. 126, no. 2-3, pages 123-135, "KINETICS OF POLYMERIZATION OF N-METHYL ANILINE USING UV-VIS SPECTROSCOPY", 2002			
AM	F. DINGER, et al., Plaste und Kautschuk, vol. 30, no. 12, pages 665-668, "ERGEBNISSE BEI DER EMULSIONSPOLYMERISATION VON VINYLACETAT IN GEGEN WART VON STABILISATOR", 1983			
AN	S. CANEGALLO, et al., Journal of Applied Polymer Science, vol. 57, no. 1, pages 1333-1346, "ON-LINE CONVERSION MONITORING THROUGH ULTRASOUND PROPAGATION VELOCITY MEASUREMENTS IN EMULSION POLYMERIZATION", 1995			
AO	F. DINGER, Chemie Technik, vol. 28, no. 3, pages 30, 33 and 34, "GRENZEN ÜBERSCHREITEN POLYMERISATIONSÜBERWACHUNG MIT ULTRASCHALL", 1999			
AP	L. PICHÉ, et al, Plastics Engineering, vol. 55, no. 10, pages 39-42, "ULTRASONIC PROBE FOR ON-LINE PROCESS MONITORING", October 1999			
AQ	L. CALVIN, et al., Polymer Reaction Engineering, vol. 8, no. 3, pages 201-223, "ON-LINE CONVERSION MONITORING THROUGH ULTRASOUND VELOCITY MEASUREMENTS IN BULK STYRENE POLYMERIZATION IN A RECYCLE REACTOR", 2000			
AR			[Additional References sheet(s) attached
Examiner			D	ate Considered